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ALL-PURPOSE DETERGENT

CONCENTRATED

**For institutional use only.
A non-polluting, biodegradable formula.**

DIRECTIONS FOR USE:

General Surfaces: Suitable for cleaning all washable surfaces. Use 1-2 ounces of this product to each gallon of water. Merely wash or wipe surfaces with solution. Wipe, rinse or hose off soiled solution. Allow surface to drip dry or wipe with absorbent cloth. This is a complete product. Do not add other chemicals. Use only as directed.

Waxed Floors: Use 1-2 ounces of this product to each gallon of water. Damp mop to remove surface dirt.

Floor Cleaning: Cleans asphalt, linoleum, rubber, vinyl tile, terrazzo, concrete, marble, slate and stone.

For normal conditions, use 1-2 ounces of this product to each gallon of water; for exceptionally soiled floors, use up to 70 ounces per gallon. Apply solution with mop. Let stand 3-5 minutes and pickup with mop. Rinsing is desirable when floors are exceptionally dirty.

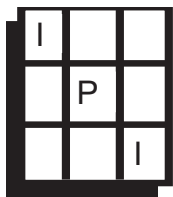
WARNING

KEEP OUT OF THE REACH OF CHILDREN

Only for sale to, use and storage by Service Personnel.

For best product efficiency keep stock rotated.
Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.



**IOWA
PRISON
INDUSTRIES**

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

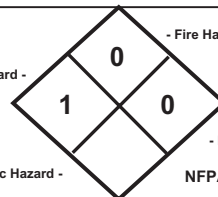
Date Prepared: 4/13/07
Supersedes Date: 3/1/97

HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT

Health Hazard -

Specific Hazard -



- Fire Hazard

- Reactivity

NFPA CODE 704

SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer Name	IOWA PRISON INDUSTRIES	Emergency Telephone No.	(515) 967-7651
Address	300 Elm St. SW, Mitchellville, Iowa 50613		
Trade Name-	ALL-PURPOSE DETERGENT	Product Type-	Aqueous Liquid Detergent/Degreaser
Chemical Family-		Formula-	Proprietary Blend

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
Dipropylene glycol methyl ether	34590-94-8	1-5	100 ppm	100 ppm
Propylene glycol methyl ether	107-98-2	1-5	NE	100 ppm
Sodium Hydroxide	1310-73-2			2 mg/M3
Dodecylbenzene glycol methyl ether	34590-94-8			100 ppm

SECTION 3 - PHYSICAL DATA

Boiling Point (°F)-	212-220	Specific Gravity (H2O = 1.0)-	1.02-1.04	PH-	11.5@1:1
Vapor Pressure- (mmHg)	NE	Vapor Density (Air = 1)-	NE		
Solubility in Water-	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)				
Evaporation Rate- (vs H2O)	<1.0	<input type="checkbox"/> Faster	<input type="checkbox"/> Slower	<input checked="" type="checkbox"/> About the Same	
Appearance and Odor-	Purple liquid, organic solvent				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point- (T.C.C.)	>200° F	<input checked="" type="checkbox"/> None to Boiling	Flammable Limits-	Upper -	Lower-
Extinguishing Media -	Water, Carbon Dioxide, Dry Chemical, Foam Blanket				
Special Fire Fighting Procedures —	Always wear self contained breathing apparatus when fighting a chemical fire.				
Unusual Fire and Explosion Hazards —	Carbon Monoxide/Carbon Dioxide/Nitrogen Oxides gases (toxic) liberated during combustion. Physical Hazards - NA				

SECTION 5 – REACTIVE DATA

Stability-	Stable	Incompatibility-	Acids, Heat
Hazardous Decomposition Products-	Carbon Monoxide/Carbon Dioxide/Nitrogen Oxides gases (toxic) liberated during combustion.		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure-	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)-	N/A				
Signs and Symptoms of Over-Exposure (Chronic)-	This product and its solutions, in mist form will strongly irritate mucosal membranes, bronchial passages, and lung tissue. If allowed to remain on skin for extended periods of time irritation may occur. Irritates on contact. Corneal damage possible with extended exposure. Irritates the gastrointestinal tract.				
Medical Conditions Aggravated by Over-Exposure-	Pre-existing skin conditions may be aggravated.				
Carcinogen or Suspect Carcinogen Ingredients-	<input type="checkbox"/> NTP	<input type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input checked="" type="checkbox"/> NONE	

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Flush eyes with large quantities of water for 15 minutes; lifting upper and lower lids. If irritation persists, or inflammation or swelling occurs, seek medical attention.
Skin:	Rinse affected area thoroughly with flowing water. Remove contaminated clothing. If irritation persists, contact physician.
Ingestion:	DO NOT INDUCE VOMITING! Give 2 glasses of water. Never give an unconscious person anything by mouth. Contact a physician.
Inhalation:	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection-	NIOSH approved self contained breathing apparatus for exposure above PEL.		
Ventilation Requirements-	<input type="checkbox"/> Local Exhaust	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Other- General exhaust acceptable if PEL not exceeded.
Protective Gloves-	Impermeable gloves	Eye Protection-	Safety Glasses
Other Protective Clothing-	Protective clothing appropriate to minimize contact.		

SECTION 9 – SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled-	Avoid contamination of food, feed, waterway, or groundwater. Capture material and contain for reuse or disposal. Remainder may be neutralized with a mild acid (vinegar) and rinsed to a sewer.
Waste Disposal Methods-	In accordance with local, state, and federal regulations.

SECTION 10 – STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage-	Keep container closed when not in use. Store in a cool, dry location.
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